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SEQ ID NO: 2	1	TREEGRAIFRPTCRRCKPVSSHLSATDMVGMRGAYGGACNDDSKSRLHGGKAAEPEIAS	60
SEQ ID NO: 4		HE-----	
SEQ ID NO: 6		TS-----	
SEQ ID NO: 8		SARARA-----	
SEQ ID NO: 10		-----	
SEQ ID NO: 12		MGSGSA-----ANGGGGGAGARVP-----	
SEQ ID NO: 14		-----	
SEQ ID NO: 16		-----	
SEQ ID NO: 18		HELARTLSYITHICLLRNTIIEDMGSD-----YEYPLGMNFERVH-----	
SEQ ID NO: 20		-----MVHHISD--EAAD-----EPSITTQTTPN---DPSQAPL---	
SEQ ID NO: 22		-----TRAAMERARAMGP-----	
SEQ ID NO: 23		-----MVGMRVPYGGSYTNNGSNESQPP-GAAPEVPA-----	
SEQ ID NO: 24		-----MGTED-----YTFPQGAEEHLHRRH-----	
SEQ ID NO: 25		MS-----SLGTEQF-----SERSQ-----	
SEQ ID NO: 26		-----MGTED-----YTFPQGAEEHLHRRH-----	
SEQ ID NO: 27		-----	
SEQ ID NO: 28		MSSKRASQY-----	
SEQ ID NO: 29		-----	
SEQ ID NO: 30		-----MPRTVSD--GGED-----FDGDVCSQTASQRHTDSTHHH---	
SEQ ID NO: 31		MS-----YASLSVKDLTSL-----VSRSGTGSSSSSLKPPGQTRPVKV	

FIG. 1A

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SEQ ID NO: 2	61	MA-VHKVAPPPARSTASKMKVRVKET-FFPDDPFRAFKGQPP-GTQWLMVAVRYLFPILDW	120
SEQ ID NO: 4		-----	
SEQ ID NO: 6		-----	
SEQ ID NO: 8		-----	
SEQ ID NO: 10		-----	
SEQ ID NO: 12		-----MPAAKPFLDTLGGNMKET-FLPDDPFVRVRRERGCGRRAAAALRYVFFMEW	
SEQ ID NO: 14		-----	
SEQ ID NO: 16		-----HEPHQTTLHKLRHRVSEI-FFPDDPLHRFKNQTR-EKKFLLALQYLFPIFDW	
SEQ ID NO: 18		-----Q-VEVPPQPFFKSLKYSCLKET-FFPDDPLRQFKNKP-ASKKFMGLGLQFFFFPIFEW	
SEQ ID NO: 20		-----VYKVGYPKPNLATEFTETLRET-FFHDNPLRQYKGQSGP-RRFMMGLEFLFPIFGW	
SEQ ID NO: 22		-----W-----EWAEEALPCLAW	
SEQ ID NO: 23		MVEVHKVVPPPPQSTASKLKTRLKET-LFPDDPFRGFQGPQPA-RVQWVLAVKYLFPILDW	
SEQ ID NO: 24		-----HTVEAPQPQFLKSLQYSVKET-LFPDDPFRQFKNQN-ASRKFVLGLKYFLPIFEW	
SEQ ID NO: 25		-----WVLNSPNPPPLTKKFLGPKLKNKFTSSS-----SKKETRAVSFLASLEPILSW	
SEQ ID NO: 26		-----HTVEAPQPQFLKSLQYSVKET-LFPDDPFRQFKNQN-ASRKFVLGLKYFLPIFEW	
SEQ ID NO: 27		-----	
SEQ ID NO: 28		-----HQVEIPPPQFLKSLKNTLNEI-LFADDPFRRIRNESKTSKKIELGLRHVFPILEW	
SEQ ID NO: 29		-MEVHKVVAPPKSTVAKLTKLKET-FFPDDPLRQFRGQPN-RTKLIRAAQYIFPILQW	
SEQ ID NO: 30		-----GYKVGFPFAKGVFAEFAEGVKET-FFADDPFREYKDQPRS-KKLWLSLVHLFPVLDW	
SEQ ID NO: 31		IPLQHPDTSNEARPPSIPF-----DDIFSGWTAKIK-RMRLVDWIDTLEPCFRW	

FIG. 1B

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SEQ ID NO:2	121	VPSYSLS-LFKSDLVAGLTIASLAIPQGISYAKLASLPPIIGLYSSFVPPMVYAVLGSSR	180
SEQ ID NO:4		-----ESDLIAGITIASLAIPQGISYAKLANLPPVLGLYSSFVPLVYALMGSSK	
SEQ ID NO:6		-----	
SEQ ID NO:8		-----	
SEQ ID NO:10		-----	
SEQ ID NO:12		APSYTLGT-LKSDLIAGTLPASASRKG-----	
SEQ ID NO:14		-----	
SEQ ID NO:16		APNYNLT-LLRSDLIISGLTIASLAIPQGISYAKLANLPPILGLYSSFVPPLIYSLLGSSR	
SEQ ID NO:18		APKYTFQ-FLKADLIAGITIASLAIPQGISYAKLANLPPILGLYSSFIPPLIYAMMGSSR	
SEQ ID NO:20		GRDYSLN-KFKGDLIAGLTIASLCIPQDIDIGYSKLANLDPQYGLYSSFIPPLIYAAMGSSR	
SEQ ID NO:22		MRSYRWKEDFQADLAAGITVGVMMLVPQAMSAYAKLAGLHPIYGLYTGFPVPLFVYVYIFGSSR	
SEQ ID NO:23		LPAYSLS-LFKSDLIAGLTIASLAIPQGISYAKLANLPPILGLYSSFVPPVYAVLGSSR	
SEQ ID NO:24		APRYNLK-FFKSDLIAGITIASLAIPQGISYAKLANLPPILGLYSSFVPPVYAVLGSSR	
SEQ ID NO:25		IRTYSAT-KFKDDL SGLTLASLSIPQSIGYANLAKLDPQYGLYTSVIPVYIYALMGSSR	
SEQ ID NO:26		APRYNLK-FFKSDLIAGITIASLAIPQGISYAKLANLPPILGLYSSFVPPVYAVLGSSR	
SEQ ID NO:27		-----	
SEQ ID NO:28		ARGYSLE-YLKSDVISGITIASLAIPQGISYAQLANLPPILGLYSSLVPPVYAIMGSSR	
SEQ ID NO:29		CPEYSFS-LLKSDVVSGLTIASLAIPQGISYANVANLPPIVGLYSSFVPPVYAVLGSSR	
SEQ ID NO:30		SRSYTFG-KFKGDLVAGLTIASLCIPQDIDIGYAKLANLQPHVGLYSSFVPPVYIYALMGSSR	
SEQ ID NO:31		IRTYRWSEYFKLDLMAGITVGIMLVPOAMSAYAKLAGLPPVYGLYSSFVFPVYVYVYIFGSSR	

FIG. 1C

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SEQ ID NO: 2	181	DLAVGPVSISSLIMGS--MLRQAV-SPTAEP	240	DLAVGTVAASLLISS--MLGSEV-SPTENPV
SEQ ID NO: 4		YLFLQLAFTSTL		FAGLVQASLGILRLGFV
SEQ ID NO: 6		DLAVGTVAASLLISS--MLGSEV-SPTENPV		YLHLAFTATFFAGVFQASLGILRLGFI
SEQ ID NO: 8		-----		-----
SEQ ID NO: 10		-----		-----
SEQ ID NO: 12		-----		-----
SEQ ID NO: 14		-----		-----
SEQ ID NO: 16		HLGVPVSIASLVMGS--MLSDKI-SYTQEP		ILYLGLAFTATFFAGVFQASLGILRLGFV
SEQ ID NO: 18		DLAVGTVAAGSLLIMGS--MLSNAV-DPNE		DPKLYLHLAFTATLFAGVFQAALGLFRLGLI
SEQ ID NO: 20		DIAIGPVAVVSLIGS--LLQAEV-DHVKNKEE		YMRLAFTATFFAGITQAALGFLRLGFL
SEQ ID NO: 22		QLAVGPVALVSLVSN--VLGGIV--NSSSE		LYTELAILLAFMVGILECLMALLRLGWL
SEQ ID NO: 23		DLAVGPVSISSLIMGPCASRQPHCGADAV		PAARLH---ATLFAGIFQASLGILRLGFI
SEQ ID NO: 24		DLAVGTVAVASLLTGA--MLSKEV-DAEKD		PKLYLHLAFTATFFAGVLEASLGIFRLGFI
SEQ ID NO: 25		EIAIGPVAVVSMLLSS---LVPKVIDPD		AHPNDYRNLVFTVTLFAGIFQTAFGVRLGFL
SEQ ID NO: 26		DLAVGTVAVASLLTGA--MLSKEV-DAEKD		PKLYLHLAFTATFFAGVLEASLGIFRLGFI
SEQ ID NO: 27		--AIGPVAVVSLLLGT--LLQNEI-DPK		THPLEYRRLAFTATFFAGVTQAALGFFRLGFI
SEQ ID NO: 28		DLAVGTVAVASLLTAA--MLGKEV-NAV		VNPKLYLHLAFTATFFAGLMQTCLGLRLGFV
SEQ ID NO: 29		DLAVGPVSIASLILGS--MLRQQV-SPV		DDPVLFQLAFSSFFAGLFAQASLGILRLGFI
SEQ ID NO: 30		DIAIGPVAVVSLLLGT--LLQEEI-DPV		KNPLEYSRLAFTATFFAGITQAMLGFFRLGFI
SEQ ID NO: 31		QLAIGPVALVSLVSN--ALGGIA---DT		NHEELHIELAILLALLVGILECIMGLLRLGWL

FIG. 1D

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241          300
SEQ ID NO: 2 IDFLSKATLVGFMAGAAIIVALQQLKGLLGIVHFTTEMGIVPVMASVFHHTSE-----
SEQ ID NO: 4 VDLLSHATIVGFMAGAAATVVCLOQLKGLMLGLVHFTTSTDVVSVMESVFSQTHQ-----
SEQ ID NO: 6 -----
SEQ ID NO: 8 -----
SEQ ID NO: 10 -----GIKSFTKKTDIISVMSXSPNRAHNR-----
SEQ ID NO: 12 -----
SEQ ID NO: 14 -----
SEQ ID NO: 16 IDFLSKATLVGFTGGAAIIVSLQQLKGLLGIVHFTSKMQIIPVTISVFKQRHE-----
SEQ ID NO: 18 VDFLSHATIIIGFMGGAATVVCLOQLKLSILGLEHFTHGADIISVMRSVFTQTHE-----
SEQ ID NO: 20 IEFLSHAAIVGFMGGAATIALQQLKYVLGIANFTRKTDIVSVMESVWRSVHHG-----
SEQ ID NO: 22 IRFISHSVISGFTTASAIIVIGLSQIKYFLGYS-VTRSSKIIPLESIIAGIDQ-----
SEQ ID NO: 23 IDFLSKATLVGFMAGAAIIVSLQQLKALLGIVHFTTEMGIVPVMASVFHHTKE-----
SEQ ID NO: 24 VDFLSHATIVGFMGGAATVVSLOQLKGIFGLKHFTDSTDVISVMRSVFSQTHE-----
SEQ ID NO: 25 VDFLSHAALVGMAGAAIIVIGLQQLKGLLGLTHFTTKTDAVAVLKSIVTSLHQQITSEN-----
SEQ ID NO: 26 VDFLSHATIVGFMGGAATVVSLOQLKGIFGLKHFTDSTDVISVMRSVFSQTHE-----
SEQ ID NO: 27 IEFLSHAAIVGFMAGAAITIALQQLKGFLGIANFTKKSDIVSVMKSVWGNVHHG-----
SEQ ID NO: 28 VEILSHAAIVGFMGGAATVVCLOQLKGLLGLHHFTHSTDIVTVLRSIFSQSHM-----
SEQ ID NO: 29 IDFLSKATLIGFMGGAAIIVSLQQLKGLLGIHFTKHMSPVPLSSVFQHTNE-----
SEQ ID NO: 30 IEFLSHAAIVGFMAGAAITIALQQLKGLLGIHFTKKSDDIISVMESVWGNVQHG-----
SEQ ID NO: 31 IRFISHSVISGFTSASAIIVIGLSQIKYFLGYS-IARSSKIVPIVESI-----IAGADK
```

FIG. 1E

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SEQ ID NO:2	301	WSWQTILMGVCFLLVLLSARHVSIRWPKLFWVSACAPLASVTISTLLVFLFKAQNHGISI	360
SEQ ID NO:4		WRWESVLLGCGFLFLLVTRFISKRPRPKLFWISAAAPLTSVVLGSLVLYLTHAENHGIEV	
SEQ ID NO:6		-----	
SEQ ID NO:8		-----	
SEQ ID NO:10		WNWQTIVIGITFLAFLLLAKYIGKKNRKFVWPAIAPITSVILATLFLVFITRADKQGVQI	
SEQ ID NO:12		-----	
SEQ ID NO:14		WHPGNFLIGCSFLIFILTRFIGRRYKKLFWLSAISPLLSVILSTAAYVYATRADRHGVKI	
SEQ ID NO:16		WSWQTILLGFGFLVLLTTRHISLRKPKLFWVSAAAPLTSVILSTILVFLLRNKTQISV	
SEQ ID NO:18		WRWESAVLGCVFIFLSTRYFSKKRPRFFWVSAMAPLTSVILGSLVLYFTHAEKHGVEV	
SEQ ID NO:20		WNWQTIVIGVSFLVFLVLLFAKYIGKKRKLFWVPAIAPISVILATFFVYITRADKQGVQI	
SEQ ID NO:22		FSWPPFVMGSAFLVILLIMKKLGKTNKKLRFELRASGPLTAVVLGTLFVKIFRP--TAISV	
SEQ ID NO:23		WSWQTILMGVCFLLVLLVARHVSIRWPKLFWVSACAPLVSIIISTLVVFLFKAQNHGISI	
SEQ ID NO:24		WRWESGVLCGFLFLLSTRYFSIKKPKFFWVAAMAPLTSVILGSLVLYFTHAERHGVQV	
SEQ ID NO:25		WSPLNFVIGCSFLIFLLAARFIGRRNKKFFWLPAIAPLLSVILSTLIVFLSKGDKHGUNI	
SEQ ID NO:26		WRWESGVLCGFLFLLSTRYFSIKKPKFFWVAAMAPLTSVILGSLVLYFTHAERHGVQV	
SEQ ID NO:27		WNWQTILIGATFLAFLLVAKYIGKRNKKLFWVSAIAPLTSVISTEFFVYITRADKHGVAI	
SEQ ID NO:28		WRWESGVLCGCFLLFLLTTKYISKKRPKLFWISAMSPVSVIFGTIFLYFLHDQFHGIQF	
SEQ ID NO:29		WSWQTI VMGVCFLFLLSTRHLSMKPKLFWVSACAPLLSVIVSTLLVVFVFAERHGISV	
SEQ ID NO:30		WNWQTILIGSSFLAFLLTTKYIAKKNKKLFWVSAIAPLISVISTFCVYITRADKQGVAI	
SEQ ID NO:31		FQWPPFVMGSLILVILQVMKHVGKAKKELQFLRAAAPLTGIVLGTITIAKVFP--PSISL	

FIG. 1F

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SEQ ID NO: 2	361	IGQLKCGLNRPSSWDKLLLED	420	IGQLKCGLNRPSSWDKLLLED
SEQ ID NO: 4		TAYLGLTMKTGLVTGII		TAYLGLTMKTGLVTGII
SEQ ID NO: 6		SLQFSPPYMLALKTGII		SLQFSPPYMLALKTGII
SEQ ID NO: 8		-----LTEAIAVGRSFAS		-----LTEAIAVGRSFAS
SEQ ID NO: 10		-----		-----
SEQ ID NO: 12		VNHIKGINPSSVHKIYFT		VNHIKGINPSSVHKIYFT
SEQ ID NO: 14		GPFAVGKFGKIGVISAM		GPFAVGKFGKIGVISAM
SEQ ID NO: 16		IGLVHAGLNPSVXXQI		IGLVHAGLNPSVXXQI
SEQ ID NO: 18		IGHLPKGVNPPSANMLY		IGHLPKGVNPPSANMLY
SEQ ID NO: 20		IGELKKGLNPPSLTNL		IGELKKGLNPPSLTNL
SEQ ID NO: 22		VKFIEQGINPSSVHKIY		VKFIEQGINPSSVHKIY
SEQ ID NO: 23		FTSPYMSAVKTGLITG		FTSPYMSAVKTGLITG
SEQ ID NO: 24		IGDLKKGLNPLSGS		IGDLKKGLNPLSGS
SEQ ID NO: 25		IKHVQGLNPPSSVHK		IKHVQGLNPPSSVHK
SEQ ID NO: 26		-----GSDLI		-----GSDLI
SEQ ID NO: 27		VKNIRKGINPPSASLI		VKNIRKGINPPSASLI
SEQ ID NO: 28		IGELKKGINPPSITHL		IGELKKGINPPSITHL
SEQ ID NO: 29		IGKLPEGLNPPSWNML		IGKLPEGLNPPSWNML
SEQ ID NO: 30		VKNIKQGINPPSFDLI		VKNIKQGINPPSFDLI
SEQ ID NO: 31		YWSGPYLAKGFRIGV		YWSGPYLAKGFRIGV

FIG. 1G

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SEQ ID NO: 2	421	EMMAIGLMNVVGSCTSCYVTTGAFSRSAVNHNAGCKTAMSNVIMALTVMVTLLFLMPLFV	480
SEQ ID NO: 4		EMIAIGTMNVVGLSLTSCYLTGPFPSRSAVNAGCRTAMSNVMSLAVMVTLLFLTPLFH	
SEQ ID NO: 6		EMLAMGFSNVAGSLSSCYVATGFSRTAVNFSAGARSTVSNIVMSITVEVTLELFMKLLY	
SEQ ID NO: 8		-----	
SEQ ID NO: 10		-----	
SEQ ID NO: 12		-----	
SEQ ID NO: 14		EMLAMGFSNVAGSLSSCYVATGFSRTAVNFSGGQSTV-----	
SEQ ID NO: 16		EMMAIGLMNVIAGSCSSCYVTTGFSRSRSVAVNAGAQTTVSNIIIMAAVLVTLLFLMPLFY	
SEQ ID NO: 18		EMIAIGTMNVVGSFTSCYLTGPFPSRSVAVNAGCKTAASNIIMSLAVMLTLLFLTPLFH	
SEQ ID NO: 20		EMVALGTMNIVGSMTSCYVTTGFSRSVAVNFMAGCKTPVSNVMSVVLLTLLVITPLFK	
SEQ ID NO: 22		ELFGLGLSNICGSFFSAYPATGFSRSVAVNHESGAKTGLSGIIMGIIICSALLFMTPLFT	
SEQ ID NO: 23		EMMAIGLMNVVGSCTSCYVTTGAFSRSPVNHNAGCKTAMSNVIMALTVMVTLLFLMPLFV	
SEQ ID NO: 24		EMIAFGMMNIVGSFTSCYLTGPFPSRSVAVNAGCKTAMSNIVMAIAVMFTLLFLTPLFH	
SEQ ID NO: 25		EMLAMGCMNVIAGSLTSCYVSTGFSRTAVNFSAGCKTAVSNIVMAVTLLCLELFTRLLY	
SEQ ID NO: 26		EMIAFGMMNIVGSFTSCYLTGPFPSRSVAVNAGCKTAMSNIVMAIAVMFTLLFLTPLFH	
SEQ ID NO: 27		EMVA-----	
SEQ ID NO: 28		EMIAFGMMNIIIGSFSSCYLTGPFPSRSVAVNAGCKTALSNVVMVAVAVTLLFLTPLFF	
SEQ ID NO: 29		EMIAIGLMNVVGSATSCYVTTGAFSRSAVNNNAGAKTAVSNIVMSVTVMVTLLFLMPLFE	
SEQ ID NO: 30		EMVALGTMNIVGSMTSCYVATGFSRSVAVNYMAGCKTAVSNVVMVMAIVVMMLTLLITPLFK	
SEQ ID NO: 31		DLFGLGVANILGSLFSAYPATGFSRSVAVNNESEAKTGLSGLITGIIIGCSLLFLTTPMFK	

FIG. 1H

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481      540
SEQ ID NO: 2 YTPNVVLGAIIIAAVIGLIDFPAYHYIWKMDKMDFLVCVCAFAGVIFISVQEGLAIAVGI
SEQ ID NO: 4 YTPLVVLSAIIIVSAMLGLVDGGAALHLWRVDKVDKFCVCAGAYLGVVFGSVEVGLVAVAV
SEQ ID NO: 6 YTPMAVLAIIILSALPGLIDIKEACSIWKIDKMDFLTCLGAFVGVLFSGSVEIGLAVLGI
SEQ ID NO: 8 -----AIHLWTLDKFDFVVCMSAYFGVVFGSVEIGLVIAVAL
SEQ ID NO: 10 -----WN-----
SEQ ID NO: 12 -----
SEQ ID NO: 14 -----
SEQ ID NO: 16 YTPNVVLAIIITAVIGLIDYQSAAYKLWKVDKLDLFLACLCSFFGVLFISVPLGLGIAVII
SEQ ID NO: 18 YTPLVVLSAIIIVSAMLGLIDYEAAIHLFKVDKDFDVVCMSAYIGVVFGSVEIGLVIAIVI
SEQ ID NO: 20 YTPNAILGSAIIISAVIGLVDYEAAIILWKVDKLDLFIACMGAFVGVFVSVEIGLLIAVAI
SEQ ID NO: 22 DIPQCALAAIVISAVTGLVDYEEAIFLWIGIDKKDFELWAMTFTTTLTFGIEIGVLGVGF
SEQ ID NO: 23 YTPNVVLGAIIIAAVIGLIDIPAVYHYIWKMDKMDFLVCVCAFAGVLFISVQEGLAIAVGI
SEQ ID NO: 24 YTPLVVLSAIIISAMLGLIDYQAAIHLWKVDKDFDLVCMSAYVGVVFGSVEIGLVVAVAI
SEQ ID NO: 25 YTPMAILASIIILSALPGLIDIGEAYHYIWKVDKDFDLACLGAFFGVLFVSIEIGLLIALSI
SEQ ID NO: 26 YTPLVVLSAIIISAMLGLIDYQAAIHLWKVDKDFDLVCMSAYVGVVFGSVEIGLVVAVAI
SEQ ID NO: 27 -----
SEQ ID NO: 28 YTPLVVLSSIIIAAMLGLVDYEAAIHLWKLDKDFDFVCLSAYLGVVFGTIEIGLILSVGI
SEQ ID NO: 29 YTPNVVLGAIIIVTAVIGLIDLPAACHIWKIDKDFDLVMLCAFFGVIFLSVQNGLAIAVGL
SEQ ID NO: 30 YTPNAILASIIINAVVNLVDYETAYLIWKVDKMDFVALLGAFFGVVFASVEYGLLIAVAI
SEQ ID NO: 31 YIPQCALAAIVISAVSGLVDYDEAIFLWRVDKRDFTLWTITSTITLFFGIEIGVLGVGF
```

FIG. 11

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541				600
SEQ ID NO:2	SIFRVLMQITRPMQVQGNIKGTDIYRDLHHYKEAQRVSGFLILAIEAP-INFANSNYLN			
SEQ ID NO:4	SLLRVLLFVARPRTTVLGNIPGTMVYRRMDQYAAQTVPGVLVLRVDAP-VYFANASYLR			
SEQ ID NO:6	SFAKIIIQSLRPQVEILGRLQGTDFCSVRQYVPVACLTPVTLPPIRVDTSLFCFINATSVK			
SEQ ID NO:8	SLLRVLLFVSRPRTSTLGLIPDSTIYRSMQYQNAKSVPGILILQIEAP-IYFANSYYLR			
SEQ ID NO:10	-----			
SEQ ID NO:12	-----			
SEQ ID NO:14	-----			
SEQ ID NO:16	SVLKILLHVTRPNTLVLGNIPGTQIFHNINQYKKALRVPSFLILAVESP-IYFANSTYLQ			
SEQ ID NO:18	SVLRVLLFIARPRTFVLGNIPNSVIYRNVLNQNAKHVPGMLILEIDAP-IYFANASYLR			
SEQ ID NO:20	SFAKILLQVTRPRTALLGNLPGTTIYRNISQYPEAKLTGPGVVIVRVDSA-IYFSNSNYVR			
SEQ ID NO:22	SLAFVIHESANPHIAVLGRLPGTTVYRNTLQYPEAYTYNGIVVVRVDAP-IYFANISYIK			
SEQ ID NO:23	SVFRVLLQITRPKITVQGNIMGTDIYRNLHQYKDAQRIPGFLILATEAP-INFANSNYLN			
SEQ ID NO:24	SIARLLLFVSPKTAVKGNIPNSMIYRNTEQYPSRTPVPGILILEIDAP-IYFANASYLR			
SEQ ID NO:25	SFAKILLQAIRPGVEVLGRIPTTEAYCDVAQYPMVAVTTPGILVIRISSGSLCFANAGFVR			
SEQ ID NO:26	SIARLLLFVSRPKTAVKGNIPNSMIYRNTEQYPSRTPVPGILILEIDAP-IYFANASYLR			
SEQ ID NO:27	-----			
SEQ ID NO:28	SVMRLVLFVGRPKIYVMGNIQNSEIYRNIEHYPOAITRSSLLILHIDGP-IYFANSTYLR			
SEQ ID NO:29	SLFKILMQVTRPKMVMGNIPGTDIYRDLHHYKEAQRIPGFLVLSIESP-VNFANSNYLT			
SEQ ID NO:30	SLGKILLQVTRPRTALLGNLPRTTIYRNVEQYPEATKVPGMIVRVDSA-IYFTNSNYVK			
SEQ ID NO:31	SLAFVIHESANPHIAVLGRLPGTTVYRNIKQYPEAYTYNGIVIVRIDSP-IYFANISYIK			

FIG. 1J

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601
SEQ ID NO: 2  ERIKRWI-EE--ESFEQDKHTELHFIIILDSAVPAIDTSGIAFLIDIKKSIEKRGLELVL
SEQ ID NO: 4  ERISRWI-DDEERTKSGEMGVRYVVLDMGAIGSIDTSGTSMDELNKSIDRRGMQIVL
SEQ ID NO: 6  ERITWVWEGVETS-NGKARERIQAVVLDMSVVNIDTSGLTALKEIHKELVSLGLQMAI
SEQ ID NO: 8  ERIVRWV-DEEDRLKSLKENDLQYVILALSAVGNIDTSGITMLGEVKKVMERRGLKLVL
SEQ ID NO: 10  -----KEM-----
SEQ ID NO: 12  -----
SEQ ID NO: 14  -----
SEQ ID NO: 16  ERILRWV-REEEEHIKANNGAPLKCIIILDMTAVTATDTSGLDTLCELRKMLEKRSLEFVL
SEQ ID NO: 18  ERITRWI-DEEEERIKATGETSLQYVIIDMSAVGNIDTSGISMLEEVEVKKITERRELQVL
SEQ ID NO: 20  ERILRWL-TDEEDRAKAVGLPKISFLIVEMSPVIDIDTSGIHALEDLYKNLQKKDMQLIL
SEQ ID NO: 22  DRLREYELKLPN-SNRGPDVGRVYFVILEMSPVTYIDSSAVQALKDLHQEYKARDIQIAI
SEQ ID NO: 23  ERIKRWI-EE--ESSAQTKQTELRFVILDSAVPAIDTSGVAFILIDIKKSIEKRGLELVL
SEQ ID NO: 24  ERIIRWI-DEEEERVQSGESSLQYIILDMSAVGNIDTSGISMMVEIKKVIDRRALKLVL
SEQ ID NO: 25  ERIWKVEDEEQDNIEAAKGRVQAI IIDMTDLTNVDTSGILALEELHKKLLSRGVELAM
SEQ ID NO: 26  ERIIRWI-DEEEERVQSGESSLQYIILDMSAVGNIDTSGISMMVEIKKVIDRRALKLVL
SEQ ID NO: 27  -----
SEQ ID NO: 28  DRIGRWI-DEEEDKLRTSGDISLQYIVLDMaAVGNIDTSGISMLEEELNKLGRRELKLVI
SEQ ID NO: 29  ERTSRWI-EECEEEEAQEKHSSLQFLILEMSAVSGVDTNGVSFFKELKKTAKKDIELVF
SEQ ID NO: 30  ERILRWL-RDEEEQQEQEKLKSKTEFLIVELSPVTDIDTSGIHALEELKALEKRIQLIL
SEQ ID NO: 31  DRLREYEVAVDKYTNRGLEVDRINVFVILEMSPVTHIDSSAVEALKELYQYKTRDIQLAI

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FIG. 1K

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661 720
SEQ ID NO: 2 VNPTGEVMEKIQRANEAEENYFRPD--CLYLTGGEAIAS-----
SEQ ID NO: 4 ANPGSEIMKKLDDSSKVL-EQIGHW--VFPTVGEAVASC-----DYVLHSH
SEQ ID NO: 6 ASPGWKAVQKMKVSQVV-DRVGQDW--IFMTVGEAVEAC-----LAAH
SEQ ID NO: 8 ANPGGEVIKKMKNKAKLIEV-IGQEW--IYLTVGEAVGAC-----NFMLHTY
SEQ ID NO: 10 -----
SEQ ID NO: 12 -----
SEQ ID NO: 14 -----
SEQ ID NO: 16 ANPVGVMMEKLHKSNIILDSF---GLKGVYLTVGEAVTD-----
SEQ ID NO: 18 VNPVSEVMKKLNKSKF-QNHLGKKW--IYLTVEEAVGAC-----NFNLRAS
SEQ ID NO: 20 SNPGSVVIEKLQASKL-TEHIGSSN--IFLAVSDAVRFC-----T
SEQ ID NO: 22 ANPNRQVHLLLSRAGII-DMIGAGW--CFVRVHDAVQVCLQHVRSS-----
SEQ ID NO: 23 VNPTGEGHGKNTASERGTAFAQVGIACI-LTTGEAVAS-----
SEQ ID NO: 24 SNPKGEVVKKLTRSKFIGDHLGKEW--MELTVGEAVEAC-----SYMLHTE
SEQ ID NO: 25 VNPRWEVIHKLKVANFV-DKIGKER--VFLTVAEAVDAC-----LSSR
SEQ ID NO: 26 SNPKGEVVKKLTRSKFIGDHLGKEW--MELTVGEAVEAC-----SYMLHTE
SEQ ID NO: 27 -----
SEQ ID NO: 28 ANPGAEMVKKLSKSTFIES-IGKER--IYLTVAEAVAAC-----DFMLHTA
SEQ ID NO: 29 VNPLSEVVEKLQRADEQKEFMRPEF--LFLTVAEAVAS-----
SEQ ID NO: 30 ANPGPAVIQKLSAKF-TDLIGDDK--IFLSVGDAVKKF-----A
SEQ ID NO: 31 SNPNKDVHLTIARSGMV-ELVGKEW--FFVRVHDAVQVCLQYVQSSNLEDKHLSTFRRYG
```

FIG. 1L

721			742
SEQ ID NO:2	-----LSALA-KMTKP		
SEQ ID NO:4	K-----PGMAKDSAAAHESMV		
SEQ ID NO:6	KGTA-----LAC		
SEQ ID NO:8	KNAEKPTSGSESGKESRNDNNV		
SEQ ID NO:10	-----		
SEQ ID NO:12	-----		
SEQ ID NO:14	-----		
SEQ ID NO:16	-----ISSI--WKAQP		
SEQ ID NO:18	K-----TNPKKDETEGWNN-V		
SEQ ID NO:20	-----TKSMQEP		
SEQ ID NO:22	-----SSNA		
SEQ ID NO:23	-----LSALA-KMASP		
SEQ ID NO:24	K-----TEPASKN-EPWNN-V		
SEQ ID NO:25	--FA-----NSA		
SEQ ID NO:26	K-----TEPASKN-EPWNN-V		
SEQ ID NO:27	-----		
SEQ ID NO:28	K-----PDSPVPEFNN----V		
SEQ ID NO:29	-----LSLKGPSLSNV		
SEQ ID NO:30	-----PKSSLNV		
SEQ ID NO:31	GSNNNSSSSNALLKEPLLSVEK		

FIG. 1M